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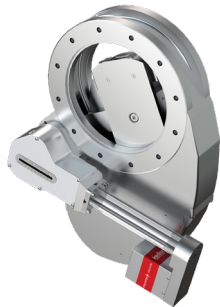


# HV throttling pendulum valve, anodized DN 320 ISO-F, hard anodized finish

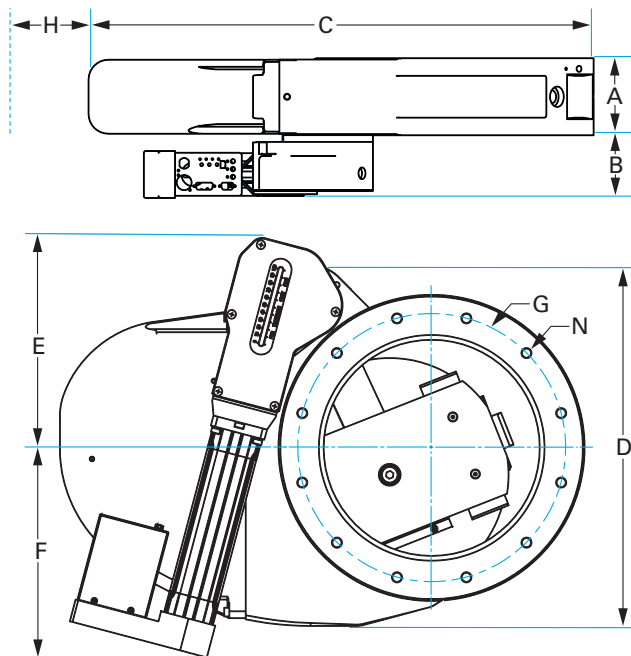
**Part number: TPVP-F133**

## HV throttling pendulum valve, anodized DN 320 ISO-F, hard anodized finish

- Space saving, low cost design
- High reliability, low particle generation
- Can be operated in any orientation
- Body can be heated up to 120°C with optional heater jackets
- CE marked/fully REACH and RoHS compliant



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Dimensions (in inches)	
Dim A	4.84"
Dim B	4.09"
Dim D	22.8"
Dim E	12.0"
Dim F	11.7"
Dim G	15.6"
Dim H	10.6"
Bolt Hole Thread	M12
Thread Depth	0.709"
# Bolt Holes	12

### TPVP-F133

Parameters	Specifications
Valve / Flange Size	DN 320 ISO-F
Finish	Hard Anodized
Flange Size / Type	DN 320 ISO-F
Supply Voltage	Provided by BQC 800-Series Controller
Power Connector	D-sub, 15-pin, male plug
Pressure Range	$3.8 \cdot 10^{-8}$ mbar to 1.1 bar
Max Differential at Opening	39 mbar
Max Temp (body)	150 °C
Temp. Limits (actuator)	5 °C (minimum), 45 °C (maximum)
Open / Close Time	6.5 s/5.5 s
Open Conductance	30000 l/s

## **HV throttling pendulum valve, anodized** **DN 320 ISO-F, hard anodized finish**

### **TPVP-F133**

<b>Parameters</b> <i>(Continued)</i>	<b>Specifications</b> <i>(Continued)</i>
Min. Control Conductance	0.1 l/s
Material (valve body)	A356 Aluminum, Hard anodized
Material (valve mechanism)	304 Stainless & 6061-T6 Aluminum, Hard anodized
Gate Seal	FKM
Bonnet Seal	FKM
Leak Rate (body)	$1 \cdot 10^{-9}$ mbar l/s
Leak Rate (gate)	$1 \cdot 10^{-6}$ mbar l/s
Service Life	1 million cycles
Weight	120.56 lbs

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